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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Samuel J. Shuster et al.

Art Unit : Unknown

Serial No. : 10/500,493

Examiner : Unknown

Filed : June 29, 2004

Title : METHODS AND MATERIALS FOR MODULATING TRPC4

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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The following correspondence relating to this application is enclosed for filing:

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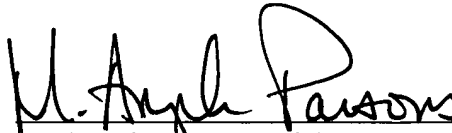
1. Information Disclosure Statement (1 page);
2. Form PTO-1449 (1 page);
3. Copies of cited references (15 references); and
4. A return postcard.

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INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. §1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

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Respectfully submitted,

Date:

July 8, 2005

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14848-006US1	Application No. 10/500,493
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Samuel J. Shuster et al.	
		Filing Date June 29, 2004	Group Art Unit

### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AA	WO 02/24950	03/28/02	PCT				

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AB	Bennett, "Animal Models of Pain," <u>Methods in Pain Research</u> , Kruger (ed.), 2001, CRC Press, pp. 67-91
	AC	Crooke and Lebleu (eds.), "C-5 Substituted Bases," <u>Antisense Research and Applications</u> , 1993, CRC Press, pp. 276-278
	AD	Hargreaves et al., "A new and sensitive method for measuring thermal nociception in cutaneous hyperalgesia," <u>Pain</u> , 1988, 32:77-88
	AE	Harteneck et al., "From worm to man: three subfamilies of TRP channels," <u>Trends Neurosci.</u> , 2000, 23(4):159-166
	AF	Hylden et al., "Expansion of receptive fields of spinal lamina I projection neurons in rats with unilateral adjuvant-induced inflammation: the contribution of dorsal horn mechanisms," <u>Pain</u> , 1989, 37:229-243
	AG	Kim and Chung, "An experimental model for peripheral neuropathy produced by segmental spinal nerve ligation in the rat," <u>Pain</u> , 1992, 50:355-363
	AH	McKay et al., "Cloning and expression of the human transient receptor potential 4 (TRP4) gene: localization and functional expression of human TRP4 and TRP3," <u>Biochem. J.</u> , 2000, 351:735-746
	AI	Mery et al., "Alternative splice variants of hTrp4 differentially interact with the C-terminal portion of the inositol 1,4,5-trisphosphate receptors," <u>FEBS Lett.</u> , 2001, 487:377-383
	AJ	Mizuno et al., "Molecular cloning and characterization of rat <i>trp</i> homologues from brain," <u>Mol. Brain Res.</u> , 1999, 64:41-51
	AK	Philipp et al., "TRP4 (CCE1) Protein Is Part of Native Calcium Release-activated Ca <sup>2+</sup> -like Channels in Adrenal Cells," <u>J. Biol. Chem.</u> , 2000, 275(31):23965-23972
	AL	Tang et al., "Identification of Common Binding Sites for Calmodulin and Inositol 1,4,5-Trisphosphate Receptors on the Carboxyl Termini of Trp Channels," <u>J. Biol. Chem.</u> , 2001, 276(24):21303-21310
	AM	Usachev and Thayer, "Ca <sup>2+</sup> influx in resting rat sensory neurons that regulates and is regulated by ryanodine-sensitive Ca <sup>2+</sup> stores," <u>J. Physiol.</u> , 1999, 519:115-130
	AN	Warnat et al., "Phenotype of a recombinant store-operated channel: highly selective permeation of Ca <sup>2+</sup> ," <u>J. Physiol.</u> , 1999, 518:631-638
	AO	Wu et al., "The Role of Endogenous Human Trp4 in Regulating Carbachol-induced Calcium Oscillations in HEK-293 Cells," <u>J. Biol. Chem.</u> , 2002, 277(16):13597-13608

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	